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Signature	<i>Susan M. Alessi</i>	Date	July 31, 2002
INFORMATION DISCLOSURE STATEMENT Address to: Commissioner for Patents Washington, D.C. 20231	Attorney Docket	UCSF-127CON	
	First Named Inventor	COX, DAVID R.	
	Application Number	10/072,047	
	Confirmation No.	3618	
	Filing Date	February 8, 2002	
	Group Art Unit	1655	
	Examiner Name		
Title: "MISMATCH REPAIR DETECTION"			

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Sir:

This is an Information Disclosure Statement submitted for the Examiner's consideration. A Form PTO-SB/08A listing the references and copies of the cited references accompany this paper. Applicants would appreciate the Examiner's initialing and returning the form to indicate that the references have been reviewed and made of record.

Some of the references identified herein were disclosed in parent application serial number 09/271,055, filed 3/17/99 and in parent application serial number 08/713,751, filed 09/13/96.

This Information Disclosure Statement is not intended as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one of the above references constitutes prior art to the present application within the meaning of 35 U.S.C. § 102.

As applicants have not yet received a first Action on the merits, no fee is believed to be required for filing this Disclosure Statement. If, however, the PTO finds that for some reason a fee is due, our Deposit Account No. 50-0815, Order No. UCSF-127CON may be charged thereon.

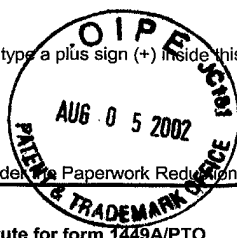
Respectfully submitted,
BOZICEVIC, FIELD & FRANCIS LLP

Date: July 31, 2002

By: *Pamela J. Sherwood*
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		Application Number	10/072,047	
		Filing Date	February 08, 2002	
		First Named Inventor	Cox, et al.	
		Group Art Unit	1655	
Examiner Name	Unassigned		RECEIVED AUG 08 2002 TECH CENTER 1650/2002	
Attorney Docket Number	UCSF-127CON			
Sheet	1	of	3	

U.S. PATENT DOCUMENTS						
Examiner Initials [*]	Cite No. ¹	U.S. Patent Documents		Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, columns, lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		4,959,317		Sauer	09-25-1990	
		5,376,526		Brown, et al.	12-27-1994	
		5,654,182		Wahl, et al.	08-05-1997	
		5,679,522		Modrich, et al.	10-21-1997	

FOREIGN PATENT DOCUMENTS							
Examiner Initials [*]	Cite No. ¹	Foreign Patent Documents			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ⁴	Kind Code ⁵ (if known)			

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		BISHOP, et al. "The power of identity-by-state methods for linkage analysis", <i>Am. J. Hum. Genet.</i> , (1990) Vol. 46: 254-265.	
		BROOKES, et al. "Cloning the shared components of complex DNA resources", <i>Human Molecular Genetics</i> , (1994) Vol. 3: 2011-2017.	
		CARRAWAY, et al. "Repair of heteroduplex DNA molecules with multibase loops in <i>Escherichia coli</i> ", <i>J. Bacteriology</i> , (1993) Vol. 175: 3972-3980.	
		CASNA, et al. "Genomic analysis II: Isolation of high molecular weight heteroduplex DNA following differential methylase protection and formamide-PERT hybridization", <i>Nucleic Acids Res.</i> , (1986) Vol. 14(18): 7285-7303.	
		COTTON, et al. "Reactivity of cytosine and thymine in single-base-pair mismatches with hydroxylamine and osmium tetroxide and its application to the study of mutations", <i>Proc. Natl. Acad. Sci. USA</i> , (1988) Vol. 85: 4397-4401.	
		DIAS, et al. "Genetic recombination as a reporter for screening steroid receptor agonists and antagonists", <i>Anal. Biochem.</i> , (1998) Vol. 258: 96-102.	

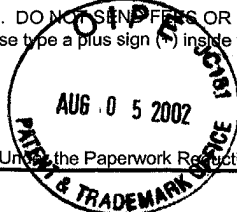
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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/072,047
		Filing Date	February 08, 2002
		First Named Inventor	Cox, et al.
		Group Art Unit	1655
		Examiner Name	Unassigned
Sheet	2	of	3
		Attorney Docket Number	UCSF-127CON

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		FERRIN, et al. "Selective cleavage of human DNA: RecA-assisted restriction endonuclease (RARE) cleavage", <i>Science</i> (1991) Vol. 254: 1494-1497.	
		GROMPE. "The rapid detection of unknown mutations in nucleic acids", <i>Nature Genetics</i> , (1993) Vol. 5: 111-117.	
		LANDER, et al. "Homozygosity mapping: A way to map human recessive traits with the DNA of inbred children", <i>Science</i> , (1987) Vol. 236: 1567-1570.	
		MASHAL, et al. "Detection of mutations by cleavage of DNA heteroduplexes with bacteriophage resolvases", <i>Nature Genetics</i> , (1995) Vol. 9: 177-183.	
		MILLS, et al., "Electrophoretic Evidence That Single Stranded Regions of One or More Nucleotides Dramatically Increase the Flexibility of DNA," <i>Biochemistry</i> (1994), Vol. 33: 1797-1803.	
		MODRICH. "Mechanisms and biological effects of mismatch repair", <i>Annu. Rev. Genet.</i> , (1991) Vol. 25: 229-253.	
		MYERS, et al. "Nearly all single base substitutions in DNA fragments joined to a GC-clamp can be detected by denaturing gradient gel electrophoresis", <i>N.A.R.</i> , (1985) Vol. 13: 3131-3145.	
		MYERS, et al. "Detection of single base substitutions by ribonuclease cleavage at mismatches in RNA: DNA duplexes", <i>Science</i> , (1985) Vol. 230: 1242-1246.	
		MYERS, et al. "Detection and localization of single base changes by denaturing gradient gel electrophoresis", <i>Meth. Enzym.</i> , (1987) Vol. 155: 501-527.	
		ORITA, et al. "Rapid and sensitive detection of point mutations and DNA polymorphisms using the polymerase chain reaction", <i>Genomics</i> , (1989). Vol. 5: 874-879.	
		ORITA, et al. "Detection of polymorphisms of human DNA by gel electrophoresis as single-strand conformation polymorphisms", <i>P.N.A.S.</i> , (1989) Vol. 86: 2766-2770.	
		PARKER, et al. "Repair of DNA heteroduplexes containing small heterologous sequences in <i>Escherichia coli</i> ", <i>P.N.A.S.</i> , (1992) Vol. 89:1730-1734.	
		PERRY, et al. "Hydrolink gels: A rapid and simple approach to the detection of DNA mutations in thromboembolic disease", <i>Clin Pathol.</i> , (1992) Vol. 45: 158-160.	

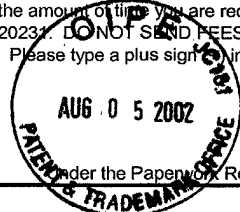
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Substitute for form 1449A/PTO		Complete if Known	
		Application Number	10/072,047
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	February 08, 2002
		First Named Inventor	Cox, et al.
		Group Art Unit	1655
		Examiner Name	Unassigned
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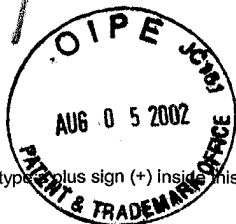
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		RAPOSA, et al., "Some Features of Base Repair Mismatch and Heterology Repair in Escherichia coli," <i>Genetics</i> (1987), Vol. 117: 381-390.	
		RISCH. "Linkage strategies for genetically complex traits: The power of affected relative pairs", <i>Am. J. Hum. Genet.</i> , (1990) Vol. 46: 229-241.	✓
		SANDA, et al. "Genomic analysis I: Inheritance units and genetic selection in the rapid discovery of locus linked DNA markers", <i>Nucleic Acids Res.</i> , (1986) Vol. 14: 7265-7282.	
		SHEFFIELD, et al. "Attachment of a 40-base-pair G+C-rich sequence (GC-clamp) to genomic DNA fragments by the polymerase chain reaction results in improved detection of single-base changes", <i>P.N.A.S.</i> (1989), Vol. 86: 231-236.	
		WAGNER, et al. "Repair tracts in mismatched DNA heteroduplexes", <i>P.N.A.S.</i> , (1976) Vol. 73: 4135-4139.	
		WANG, et al. "Large-scale identification, mapping, and genotyping of single-nucleotide polymorphisms in the human genome", <i>Science</i> , (1998), Vol. 280: 1077-1082.	
		WHITE, et al. "Detecting single base substitutions as heteroduplex polymorphisms", <i>Genomics</i> , (1992). Vol. 12: 301-306.	
		YOUIL, et al. "Screening for mutations by enzyme mismatch cleavage with T4 endonuclease VII", <i>P.N.A.S.</i> , (1995) Vol. 92: 87-91.	

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/072,047	
	Filing Date	February 8, 2002	
	First Named Inventor	COX, DAVID R. et al.	
	Group Art Unit	1655	
	Examiner Name		
Total Number of Pages in This Submission	5	Attorney Docket Number	UCSF-127CON

ENCLOSURES (check all that apply)

- ☐ Fee Transmittal Form
 - ☐ Fee Attached
- ☐ Amendment / Reply
 - ☐ After Final
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- ☐ Assignment Papers (for an Application)
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Signature	
Date	July 31, 2002

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